

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-053

WORKING STANDARD USED

Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25746	ION	775	7626	6/18/07	6/18/08	JPL

AIR IONIZER INFORMATION

Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28295	SIMCO	Aerosol PC	33674339T	5-2-08	7-10-08	JPL
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Hinh Do	317/210	John Marigowski	N	N	N	08-027

VERIFICATION DATA

HBM Sensitivity Level: 50V (from Table 1)

Fan controller setting: Med. (High, Low, NA)

Distance of ionizer from the charge plate: 24"

Ionizer Float Potential Tolerance \pm 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	

Ionizer Discharge Voltage Range: \pm 1000 Vdc to \pm 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: 20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
4.6 sec	4.2 sec	4.8 sec	4.8 sec	4.2 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
5.6 sec	6.2 sec	7.5 sec	7.2 sec	6.2 sec	

Record any corrective action required to restore ionizer operation (cleaning, adjustment, replacement, etc.)

If ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement ionizer: _____

Record inspection schedule and rationale for that schedule.